Research Information Support Network (RESIN)

Presented by: Office of the Vice Chancellor for Research
Date: September 3, 2013
Agenda

- Updates & Timely Information from Research Support:
  - Office of the VCR
  - RSC
  - IRB
  - IACUC
  - HIPAA
  - UAMS Library
  - BioVentures
  - COI
  - ORSP
  - ORC
  - DLAM
  - OGSP
  - CCTR/Core Facilities
  - Dept. of Pharmacology & Toxicology

9/3/2013
Compliance mandatory since 2008

- Where UAMS stands

- New grant applications not accepted if cited articles are non-compliant!

- Non-competing continuation grants [July 1st]
NIH PAP: A Fall Update
Susan Steelman, MLIS – UAMS Library

WE HAVE LIFT OFF!
NEW WEBSITE LAUNCH
Come see what’s new!

New Library Website Launch
Clarifications

- 700 fewer grants this year
- Published prior to April 2008 = N/A
- Review articles covered if peer-reviewed !!
Clarifications (Cont.)

- Approved web version will generate PMCID#
- PMCID# = Compliance [even if embargoed]
- NIH backlogged – 8 week turnaround
What Can You Do?

- Awareness of Copyright Issues
- Watch for individual Non-Compliance report
- Request N-C reports if not getting them

Schedule a presentation for your department
- Start the conversation w/ subgrant awardees
- Call us: Jessie Casella [686-8517]
  Susan Steelman [686-6737]
New IACUC Administrator

Kerrey Roberto

- Biomed I, B105B
- P: (501)686-8542
- F: (501)686-7265
- E: robertokerrey@uams.edu
IACUC Update
Bill Gurley, PhD, Chair, UAMS IACUC

- IACUC Internal Website (iacuc.ad.uams.edu)
  - Program Oversight: The role of the IACUC
  - Guide to the Care and Use of Laboratory Animals
  - How to submit a new animal protocol
  - Guidelines to use of non-pharmaceutical grade products
  - Tips for a sensible animal justification
  - Downloadable forms
IACUC Update
Bill Gurley, Ph.D; Chair UAMS IACUC

- IACUC website
- Downloadable Forms
  - Animal Use Protocol (AUP) UAMS Form
  - Animal Use Protocol (AUP) ACHRI Form
  - AUP Addendum Approval Form
  - UAMS IACUC Policies
### AUP Reminders

**V. Justification for Animal Number**

Provide a table showing the proposed sequence of experiments. Specify the number of experiments, number of treatment groups within each experiment, and the number of animals in each group. **The total number of animals here must be consistent with that indicated in sections I and VI.** The numbers of animals used must be the minimum number that can be expected to provide valid results. **Indicate the specific statistical procedure or a clear rationale used to determine the numbers indicated.** All animals must be accounted for. This includes animals used for breeding and all offspring generated.

- Section most frequently requiring revisions
- Power calculation is necessary (even for pilot studies)
- Contact **Dr. Stephen Erickson** (Biostatistics) for assistance prior to submission
- Simply saying “we’ve always done it this way” is not acceptable

9/3/2013
IACUC Update
Bill Gurley, Ph.D, Chair UAMS IACUC

- AUP reminders
- Contact Susan Steelman (Library) for assistance with literature search prior to submission
When providing assurance of animal handling/procedural qualifications, please indicate experience pertinent to those specific experiments/procedures described in the AUP.

Simply stating that an investigator has “X number of years” of experience with animals for research purposes is not sufficient.
IACUC Policies available online

- Policy for Tail Clipping Rodents
- Policy on the Importation and Exportation of Research Animals
- Policy for Aseptic Survival Surgery on Rodents
- Policy Concerning Tumor Endpoints in Rodents
- Policy for Animal Transportation
- Policy on Blood Collections and Compound Administration in Mice and Rats
- Policy on Animal Euthanasia
- Policy on Management of Animal Pain and Distress
- Mouse Cage Density Policy
- Policy for Food and Fluid Restriction
- Policy on Physical Restraint of Research Animals
- Policy on Mouse Group Housing
CITI Training for IACUC

“Working with the IACUC”

- Implementation in 2014
- All investigators, technicians, and IACUC members
- Must have CITI training for 3-year renewal of protocols
New NIH Requirement

“As of September 1, 2013, the Vertebrate Animal Section (VAS) of grants and contracts must be consistent with the 2013 American Veterinary Medicine Association (AVMA) Guidelines. In their submission to NIH, grant applicants and contract offerors are required to describe any method of euthanasia to be used and the reasons for its selection and to state whether the method proposed is consistent with the 2013 AVMA Guidelines. If the proposed method is not consistent with the AVMA Guidelines, a scientific justification must be included in the VAS.”

Most euthanasia methods currently in place at UAMS and approved by the IACUC already meet AVMA Guidelines (see pages 48-50).

Briefly describe euthanasia procedure in VAS.

BioVentures Update
Marie Chow, PhD, Interim Director

- IP Disclosure: UAMS ownership
  - Patents, Copyrights, Trademarks
    - [http://bioventures.uams.edu/](http://bioventures.uams.edu/)
    - Signature Page receipt
  - IP associated with contracting vendor services
    - Ownership Assignment to UAMS in SOW or Prof. Services Agreement (before issuing PO)
      - Contract services (CRO/data analyses; technical writing)
      - Product from Vendor (MAb, biologic production)
BioVentures Update
Marie Chow, PhD, Interim Director

- **IP Attorney interaction**
  - Post-P&CC recommendation
  - Pre-P&CC disclosure
    - Consult with BioVentures Director

- **Outside Consulting Agreements** (BoT210.1)
  - Individual's responsibility to inform
    - Request review by BioVentures/UAMS IP Attorney
Funded for 5 years by the National Institute of General Medical Sciences (NIGMS)

- Program Director: Philip Mayeux
- Program Manager: Pam Kahler
- Will fund 4 students each year: 2 new 2nd-year students and the 2 from the previous year
- Trainees: PCOL, INTX and IBS PhD programs and must be US citizen or permanent resident
Systems Pharmacology and Toxicology T32 (SPaT)
Phil Mayeux, Ph. D., Spat Program Director

NIGMS-supported Pharmacology Training Programs 2013-2014

University of Arkansas for Medical Sciences
University of California, Davis
University of California, San Diego
University of California, San Francisco
University of Colorado Health Sciences Center
Yale University
Emory University
University of Iowa
Johns Hopkins University School of Medicine
Boston University School of Medicine
Harvard Medical School
Michigan State University
University of Michigan
Mayo Clinic
Saint Louis University Medical School
Mount Sinai School of Medicine
New York University
State University of New York at Stony Brook
Weill Medical College of Cornell University
Duke University Medical Center
University of North Carolina at Chapel Hill
University of Pennsylvania
University of Pittsburgh School of Medicine
Brown University
Vanderbilt University
UTSC at Houston
University of Texas Southwest Medical Center at Dallas
University of Virginia School of Medicine
University of Washington

“The SPaT program will train students to use an *in vivo* approach to answering relevant questions in pharmacology and toxicology with emphasis on metabolism, drug design, pharmacodynamics, pharmacokinetics, and signaling.”
There are 32 SPaT faculty members

- College of Medicine
- College of Pharmacy
- College of Public Health
- Arkansas Children's Hospital
- National Center for Toxicological Research
SPaT will pay for the student stipend ($24,000), tuition, fees and health insurance

- Great deal of institutional and financial support
  - NIGMS only pays 92% of stipend and 60% of tuition
  - NIGMS pays 0% of Director and Manager time
- Chancellor, College of Medicine and TRI are picking up the rest of the costs
For more information

http://pharmtox.uams.edu/SPaT
http://pharmtox.uams.edu/SPATfaculty
Updated Electronic Application Forms

- For due dates of September 25, 2013 or later
  - FORMS-C Package for all applications including
    - Submissions under the continuous submission policy
    - Administrative supplement requests (Type 3)
    - Change of organization requests (Type 6)
    - Change of grantee/training institution requests (Type 7)
    - Multi-Project Applications transitioning to electronic

- See handouts for changes to forms and how to determine if you are using the correct forms.
Updated Electronic Application Forms (Cont.)

- Exceptions - required for due dates on or after January 25, 2014
- Individual Research Career Development Award Programs (Ks)
- Institutional Training and Career Development Programs (Ts and Ds)
- Individual National Research Service Awards (Fs)
- Small Business programs (SBIR/STTR) applicants will transition to FORMS-C packages later in 2014
Student eRA Commons User IDs

- Graduate & undergraduate students on NIH grants for at least one person month will be required to have a Commons user ID.

- PIs will be prompted to include these IDs on progress reports beginning October 18, 2013.

- Students who complete Commons profiles required to answer demographic questions.

- ORSP staff creates Commons accounts. Please e-mail Suzanne Alstadt or Rebecca Nickleson with questions or to have an account created.
Student eRA Commons User IDs

Why?

“The NIH should ensure that all students and postdoctoral researchers supported by the NIH on both research grants and research training grants are identified and the necessary variables are collected to assess the impact of NIH funded experiences on their subsequent careers.”

NIH Individual Development Plans (IDPs) Suzanne Alstadt, Director, ORSP

- ASSIST
  - Application Submission System & Interface for Submission Tracking
  - System used for multi-project grants applications to NIH (e.g., P01, P20, etc)
  - September 25 – P01, P20, P50, R24, U19, U24
  - January 25 and after – G12, P30, P40, P41, P42, P51, P60, R28, S06, U10, U41, U42, U45, U54, U56, UC7, UM1
NIH Individual Development Plans (IDPs) for Graduate Students and Postdoctoral Researchers

- NIH encouraging institutions to use IDPs for graduate students & postdoctoral researchers supported by NIH awards by October 2014
- NIH encouraging grantees to develop institutional policies requiring an IDP be implemented for every graduate student and postdoctoral researcher supported by any NIH grant by October 1, 2014
- NIH will begin to encourage grantees to report the use of IDPs on progress reports. NIH does not expect institutions to include the actual IDPs; instead the report would outline current practices that document that IDPs are used to help manage the training for those individuals
Goals are to:

- Help graduate students and postdocs identify career goals and accomplishments needed to achieve those goals
- Facilitate communication between faculty mentors and their trainees

UAMS currently has no policy regarding IDPs
Individual Development Plans (IDPs) for Graduate Students and Postdoctoral Researchers (cont.)

- Graduate School’s Scientific Communication and Ethics (SCE) Course includes IDPs in curriculum
  - [http://myidp.sciencecareers.org/](http://myidp.sciencecareers.org/)
- Students print out the IDP after completing the online module
- Intention is for students to review the IDP with mentors and discuss goals and progress on a regular basis
NIH Notices Referenced in this Presentation

- NOT-OD-13-093 – IDP
- NOT-OD-12-161 – ASSIST
- NOT-OD-13-097 – Student eRA Commons IDs
- NOT-OD-13-074 – NIH Forms “C”
Questions?

- Draft grant applications must be entered into ARIA (or any subsequent grant management system) and signed by the Principal Investigator, \textit{7 business days} prior to the published application deadline.

- Final grant applications must be received by ORSP \textit{48 hours (2 business days)} before the published application deadline. If the final proposal is not received by ORSP by the 48 hour deadline, \textit{it will not be submitted}.
Next RESIN

- **October 1, 2013 @ 12:00 p.m.**
- **Location**: Walton Auditorium, Winthrop P. Rockefeller Cancer Institute, 10th floor
- All RESIN presentations archived on the UAMS Research website
  - [http://www.uams.edu/research/RESIN_Achive.asp](http://www.uams.edu/research/RESIN_Achive.asp)